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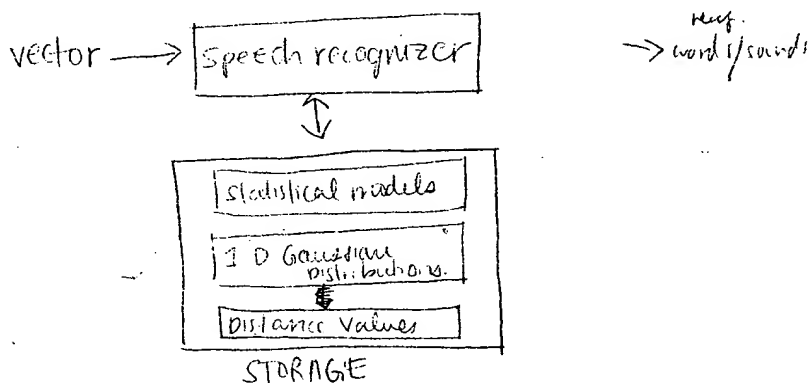
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Title of Invention: Using one-dimensional gaussian distributions to model speech.

Inventors (please provide full names): _____

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Gales, M.J.F.; Knill, K.M.; Young, S.J.;

Speech and Audio Processing, IEEE Transactions on , Volume: 7 , Issue: 2 , 1999

Pages:152 - 161

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2 Fast implementation methods for Viterbi-based word-spotting

Knill, K.M.; Young, S.J.;

Acoustics, Speech, and Signal Processing, 1996. ICASSP-96. Conference Proceedings., 1996 IEEE International Conference on , Volume: 1 , 7-10 May 1996
Pages:522 - 525 vol. 1

[\[Abstract\]](#) [\[PDF Full-Text \(424KB\)\]](#) **IEEE CNF**

3 Use of Gaussian selection in large vocabulary continuous speech recognition using HMMs

Knill, K.M.; Gales, M.J.F.; Young, S.J.;

Spoken Language, 1996. ICSLP 96. Proceedings., Fourth International Conference on , Volume: 1 , 3-6 Oct. 1996

Pages:470 - 473 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(400KB\)\]](#) **IEEE CNF**

4 Least-mean square adaptation of the orthogonal block adaptive line enhancer

Knill, K.M.; Constantinides, A.G.;

Signals, Systems and Computers, 1993. 1993 Conference Record of The Twenty-Seventh Asilomar Conference on , 1-3 Nov. 1993

Pages:663 - 667 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(284KB\)\]](#) **IEEE CNF**

5 A novel orthogonal set adaptive line enhancer tuned with fourth-order cumulants

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1 Telephone speech data corpus and performances of speaker independent recognition system using the corpus

Isobe, T.; Murakami, K.;

Interactive Voice Technology for Telecommunications Applications, 1994., See IEEE Workshop on , 26-27 Sept. 1994

Pages:101 - 104

[\[Abstract\]](#) [\[PDF Full-Text \(220 KB\)\]](#) IEEE CNF

2 Recognition method with parametric trajectory generated from mix distribution HMMs

Minami, Y.; McDermott, E.; Nakamura, A.; Katagiri, S.;

Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03). 2 IEEE International Conference on , Volume: 1 , 6-10 April 2003

Pages:I-124 - I-127 vol.1

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3 An optimal Bhattacharyya centroid algorithm for Gaussian clustering with applications in automatic speech recognition

Rigazio, L.; Tsakam, B.; Junqua, J.-C.;

Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 20 IEEE International Conference on , Volume: 3 , 5-9 June 2000

Pages:1599 - 1602 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(288 KB\)\]](#) IEEE CNF

4 Auditory scene analysis and hidden Markov model recognition of speech in noise

Green, P.D.; Cooke, M.P.; Crawford, M.D.;

Acoustics, Speech, and Signal Processing, 1995. ICASSP-95., 1995 International Conference on , Volume: 1 , 9-12 May 1995
Pages:401 - 404 vol.1

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5 Suprasegmental features and continuous speech recognition

Dumouchel, P.;

Acoustics, Speech, and Signal Processing, 1994. ICASSP-94., 1994 IEEE International Conference on , Volume: ii , 19-22 April 1994
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6 Stream derivation and clustering scheme for subspace distribution clustering hidden Markov model

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Pages:339 - 346

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7 Noise robust speech recognition using Gaussian basis functions for linear likelihood function approximation

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8 Training of subspace distribution clustering hidden Markov model

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Pages:673 - 676 vol.2

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9 Robust speech recognition based on a Bayesian prediction approach

Hui Jiang; Hirose, K.; Qiang Huo;

Speech and Audio Processing, IEEE Transactions on , Volume: 7 , Issue: 4 , J 1999
Pages:426 - 440

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10 Phoneme-based vector quantization in a discrete HMM speech recognizer

Yaxin Zhang; Togneri, R.; Alder, M.;

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[\[Abstract\]](#) [\[PDF Full-Text \(362 KB\)\]](#) IEEE CNF**12 Robust speech recognition method based on discriminative learning environmental features**

Jiqing Han; Munsung Han; Gyu-Bong Park; Jeongue Park; Chengfa Wang;
TENCON 99. Proceedings of the IEEE Region 10 Conference , Volume: 1 , 15-
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[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) IEEE CNF**13 The use of a distribution-clustering technique in HMM-based continuous-speech recognition**

Farhat, A.; O'Shaughnessy, D.;
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